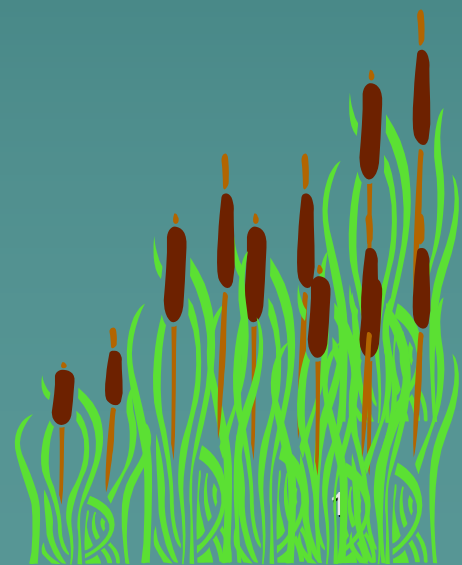


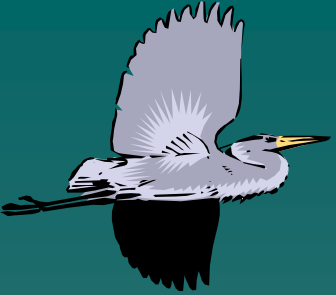


# CWPPRA Adaptive Management Review

Jenneke M. Visser

Richard Raynie

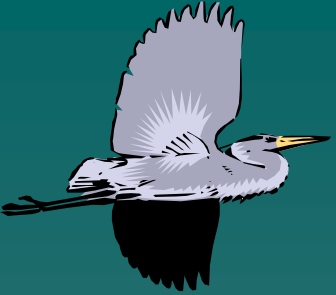




# CWPPRA Background

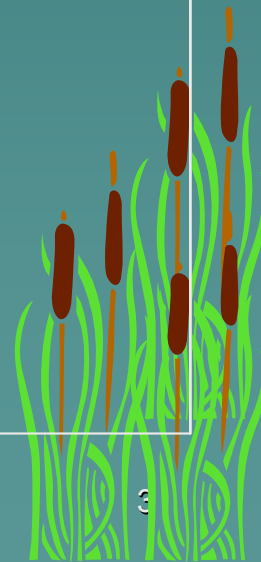
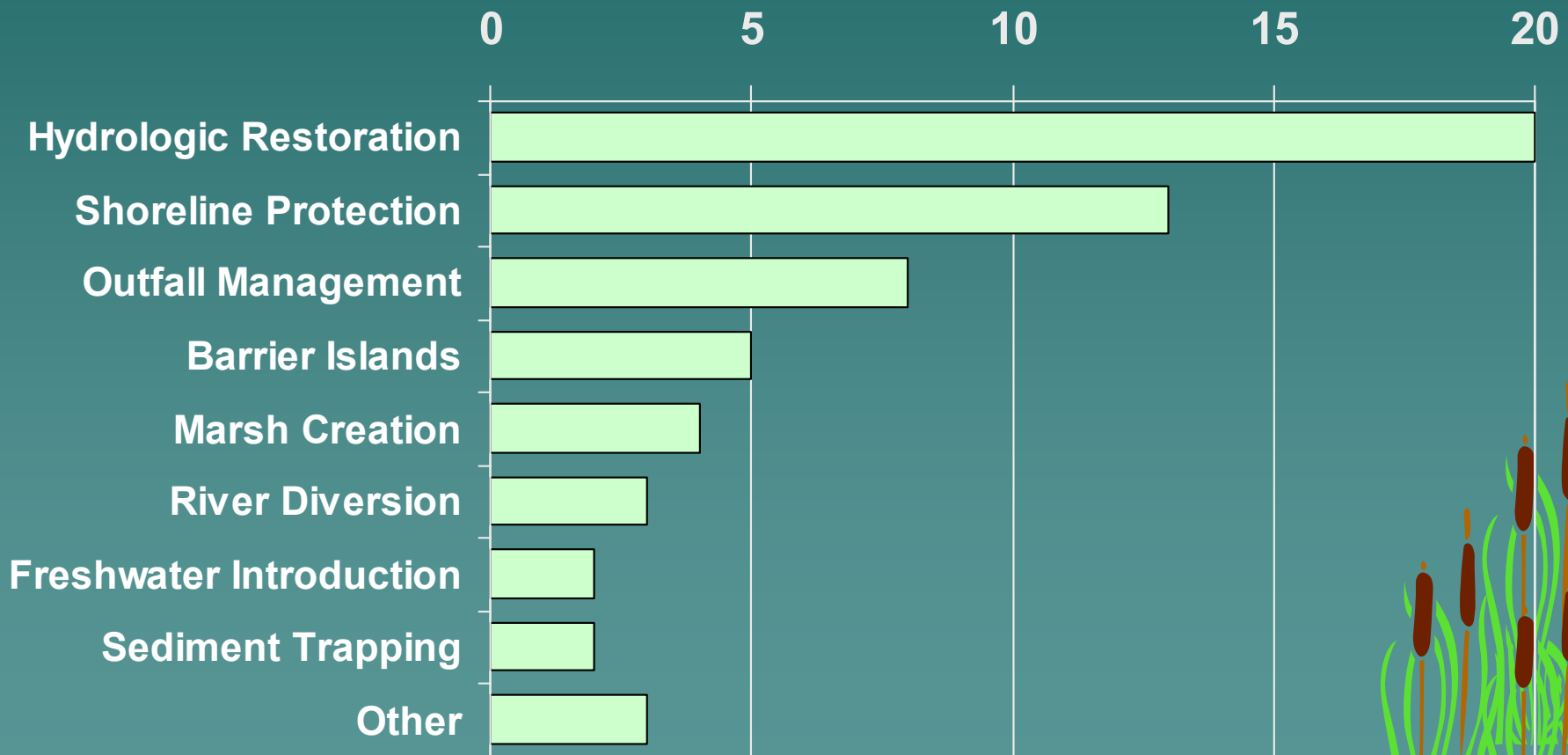
- ◆ Public Law 101-646 Coastal Wetlands Planning Protection and Restoration Act of 1990
  - 80% of National Coastal Wetland Loss Occurs in Louisiana
  - 25-35 square miles lost per year
- ◆ ~40 million dollars per year for restoration
- ◆ Projects have 20 year lifespan

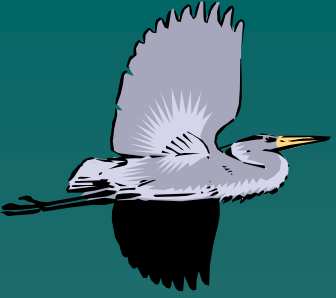




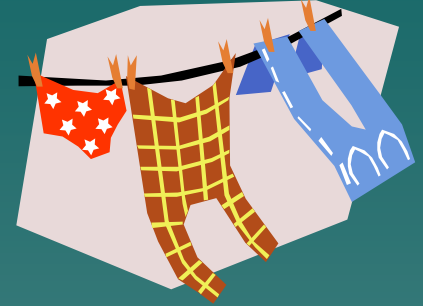
# 60 Constructed Projects ~600,000 acres 1994-2001

Number of Projects

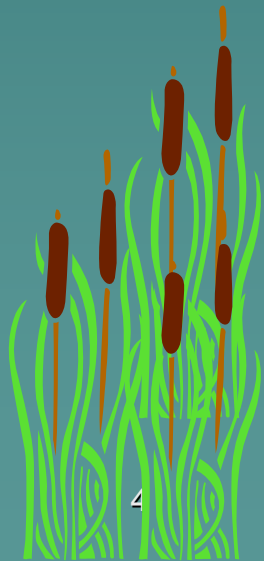




# Adaptive Management Review Objectives



- ◆ Close feedback loops between the different phases of project planning, implementation, and results monitoring
  - Improve linkages among different project phases
  - Document changes that have been made in the project in the different project phases
  - Recommend improvements to reviewed projects
  - Learn from implemented projects to improve future projects



# Review Development

## 1 month (December 2001)

### Teams

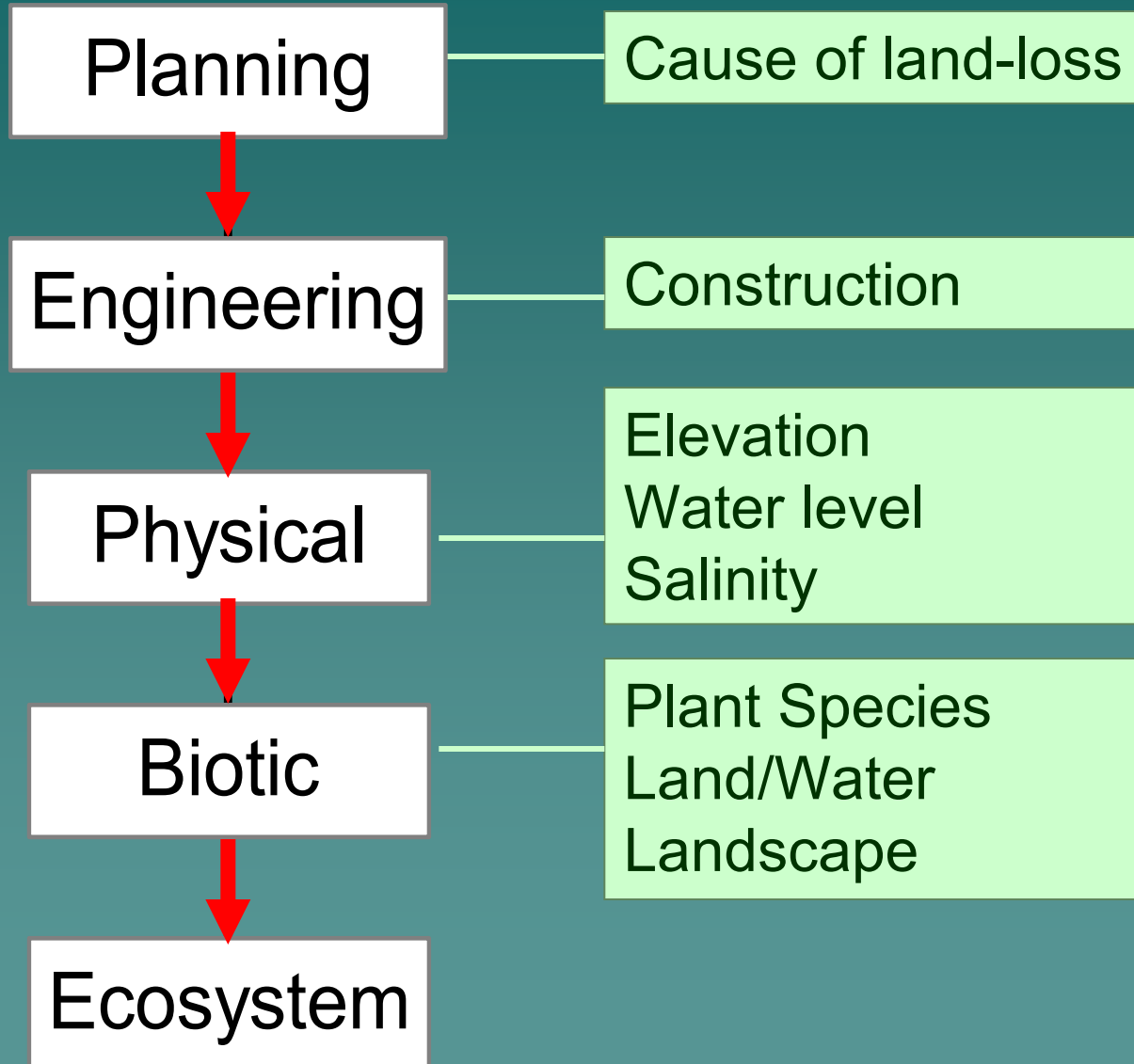
- ◆ Project Specific Review
  - Engineering
  - Physical Response
  - Biological Response
- ◆ Program Level Review
  - Restoration Methods
  - Ecosystem Health

### Tasks

- ◆ Performance Indicators
  - Data needs
- ◆ Projects to review
  - Available data
  - Data gaps



# The Restoration Process



# Interdisciplinary Teams

6 Months



- ◆ Project Manager

- ◆ Engineers

- Planning
- Construction

- ◆ Biologists

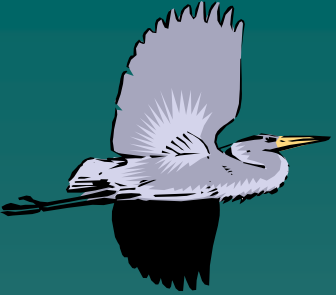
- Planning
- Monitoring

- ◆ Agencies

- La. Dept. of Natural Resources
- US Army Corps of Engineers
- Natural Resource Conservation Service
- National Marine Fisheries Service
- US Environmental Protection Agency
- US Fish and Wildlife Service

- ◆ Academics

- Ecologists
- Physical Processes



# Projects Reviewed

## ◆ Hydrologic Restoration

- Freshwater Bayou (1994)
- East Mud Lake (1996)
- Cote Blanche (1998)
- Brady Canal (1999)

## ◆ Diversion

- \*Caernarvon (1991)
- \*Naomi (1993)
- \*W. Pointe a la Hache (1993)

## ◆ Marsh Creation

- LaBranche (1994)
- Atchafalaya (1998)
- Lake Chapeau (1999)

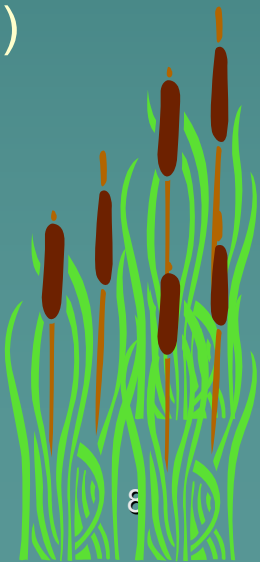
## ◆ Shoreline Protection

- \*Turtle Cove (1994)
- Cote Blanche (1994)
- Cameron Prairie (1994)
- Vermilion River Cutoff (1996)
- Clear Marais (1997)
- Lake Salvador (1997)

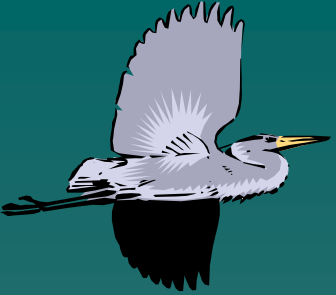
## ◆ Barrier Island Restoration

- Whiskey Island (1998)
- Trinity Island (1999)
- East Island (1999)

\*not a CWPPRA project







# Workshop Design

- ◆ Individual Projects (10-15 min)
  - Project improvements discussion (5 min)
- ◆ Restoration Method (10 min)
  - Restoration lessons discussion (20-30 min)
- ◆ Program (10 min)
  - Programmatic lessons discussion (40 min)

